

# CATALOGUE OF THE BERYTIDAE, PIESMIDAE AND TINGIDAE IN THE RIJKSMUSEUM VAN NATUURLIJKE HISTORIE

by

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The collection of Berytidae, Piesmidae, and Tingidae in the Rijksmuseum van Natuurlijke Historie is not of the same degree of completeness as that of most of the other families of bugs. Exotic insects of small size have often been neglected by our collectors, and it seems, moreover, that the Tingidae are not very abundant in the tropical regions.

Because of lack of material for comparison I have abandoned the description of the few American and African species that are possibly new to science. Only the descriptions of new species from the Indian Archipelago are given below.

## BERYTIDAE — BERYTINAE

**Neides aduncus** Fieb. 1. Southern France, Duda. — 2. Rio Salato, Oran, 1895, Dr. Schmiedeknecht. — 3. Corfu, 1889, Schmiedeknecht. — 4. Tunis, 1898, Dr. Schmiedeknecht. — 5-6. Zante, 1901, Dr. Schmiedeknecht. (Altogether in Fokker's Collection).

**Neides tipularius** L. 1. Wageningen, August 5, 1860, Snellen van Vollenhoven. — 2. ?. — 3. Arnhem, April, Van Medenbach de Rooy. — 4. De Bilt, September, on heath. — 5. Haarlem, July, Groll. — 6. Katwijk, July, De Graaf. — 7. Rotterdam, J. F. Snelleman. — 8. Charente, H. Giraudeau. — 9-10. Nijmegen. — 11. Ellemeet, June 1900. — 12. Cephalonia, 1901, Dr. Schmiedeknecht. (The specimens 1-12 in Fokker's collection). — 13. ?. — 14. Breda, September 14, 1873. — 15-17. Breda, February 2, 1874. — 18. Breda, September 2, 1870. — 19(-21?). Holland. — 22. Holland, Snellen van Vollenhoven. — 23. Bennebroek, June. — 24. Driebergen, Six. — 25. Leiden, Snellen van Vollenhoven. — 26. Arnhem, May 1905, Dammerman. — 27. Arnhem, August 1905, Dammerman. — 28-29. ?, from Heylaerts' collection. — 30. Meijndel, April 9, 1925, Blöte. — 31. Weert, August

29, 1924, Blöte. — 32. Hilversum, August 28, 1925, A. Reclaire. — 33. Hilversum, September 12, 1925, A. Reclaire. — 34. Meijendel, June 5, 1941, Dr. L. D. Brongersma.

**Berytus clavipes** F. 1-2. Tlemcen, Oran, 1895, Dr. Schmiedeknecht. — 3. Djebel Tessalah, Oran, 1895, Dr. Schmiedeknecht. — 4-8. Thüringen, Dr. O. M. Schmiedeknecht. — 9-19. Tunis, 1898, Dr. Schmiedeknecht. — 20. Monte Baldo, Lago di Garda, Dr. O. Schmiedeknecht. — 21. Viège, Switzerland, August 1894, Fokker. — 22. Switzerland, Reuter. — 23. Aix-les-Bains. — 24. Charente, H. Giraudeau. — 25. Nijmegen. (The specimens 1-25 in Fokker's collection). — 27. Stettin, A. Dohrn. — 28-30. Switzerland, Meyer-Dür. — 31. Vogesen, Puton.

Var. **hybridus** Horv. 26. Bucarest, A. L. Montandon, in Fokker's collection.

**Berytus consimilis** Horv. 1. Rimnicu San Plainesici, Romania, A. L. Montandon, in Fokker's collection.

**Berytus crassipes** H.-S. 1. Scheveningen, May, Everts. — 2. Scheveningen. — 3. Driebergen, Six. — 4. Zierikzee, September 1880. — 5. Leiden, July. — 6. Zierikzee, June 1887. — 7. Brosteni, Moldavia, Carpathian Mts., Montandon. — 8. Thüringen, Dr. O. M. Schmiedeknecht. (The specimens 1-8 in Fokker's collection). — 9. Holland. — 10. Loosduinen, May 23. — 11. Kijfhoek, Wassenaar, September 13, 1925, Blöte. — 12. Loosduinen, March 3, 1923, Blöte. — 13. Loosduinen, March 3, 1923, Van der Vecht. — 14. Waalré, N. Brabant, July 17, 1941, H. C. Blöte. — 15-18. Waalré, N. Brabant, August 2, 1941, H. C. Blöte.

**Berytus geniculatus** Horv. 1. Hungary, Staudinger. — 2. Hungary, Sajo. — 3. Switzerland, Reuter. (The specimens 1-3 in Fokker's collection). — 4. ?.

**Berytus hirticornis** Brullé. 1. Nijmegen, Ter Haar. — 2. Breda, April, Heylaerts. — 3, 5-9. Gospić, Croatia, Sequens. — 4. Velebit Mts., Croatia, Sequens. (The specimens 1-9 in Fokker's collection). — 10-14. Breda, March 4, 1873, Heylaerts. — 15. Waalré, N. Brabant, July 23, 1941, H. C. Blöte.

**Berytus minor** H.-S. 1-11. Zierikzee, 1876-'87, Fokker. — 12-13. Renesse, August 1882. — 14-17. Breda, August 1884. — 18. Alle, Belgium, July, Fokker. — 19-25. Orval, Belgium, August, Fokker. — 26. Vonèche Belgium, July, Fokker. — 27-32. Saint Cécile, Belgium, August 1889. — 33. Tunis, 1898, Schmiedeknecht. — 34. Djebel Tessalah, Oran, 1895, Dr. Schmiedeknecht. — 35. Hamman-Bou-Hadjar, Oran, 1895, Dr. Schmiedeknecht. — 36-45. Thüringen, Dr. O. M. Schmiedeknecht. — 46. Den Haag (The Hague), April 13. — 47. Zierikzee, May 1876. — 48. Driebergen,

Six. (The specimens 1-48 in Fokker's collection). — 49-58. Switzerland, Meyer-Dür. — 59. Den Haag, May, Leesberg. — 60. Breda, May 2, 1873. — 61. Holland, Snellen van Vollenhoven. — 62. Zierikzee, April 1878, Fokker. — 63. Eerbeek (Gelderland), August 27-28, 1927, Dr. H. Boschma. — 64. Breda, May 2, Heylaerts. — 65. Leiden, May 27, 1924, J. van der Vecht. — 66. Lochem, September 23-26, 1929, H. C. Blöte. — 67. Katwijk-Binnen, March 5, 1927. — 68-69. Epen (Limburg), July 29-30, 1938, H. C. Blöte. — 70-72. Waalré, N. Brabant, July 24-August 2, 1941, H. C. Blöte.

**Berytus montivagus** Fieb. 1. Zierikzee, May 1888. — 2. Zierikzee, April 1884. — 3-50. Gospić, Croatia, Sequens. — 51-67. Velebit Mts., Croatia, Sequens. — 68-70. Mallorca, Balearic Is., Schmiedeknecht. — 71. Tunis, 1898, Dr. Schmiedeknecht. — 72-73. Corfu, 1901, Dr. Schmiedeknecht. — 74. England, Snellen van Vollenhoven. — 75. Charente, H. Girardeau. (The specimens 1-75 in Fokker's collection). — 76. Switzerland, Meyer-Dür. — 77. England, Marsh.

**Berytus signoreti** Fieb. 1-8. Hamman-Bou-Hadjjar, Oran, 1895. — 9-15. Rio Salato, Oran, 1895. — 16-18. Tunis, 1898. — 19. Djebel Tessalah, Oran, 1895. — 20. Egypt, March-April 1897. — 21. Athens, 1901. — 22. Zante, 1901. — 23. Olympia, 1901. — 24. Cephalonia, 1901. (The specimens 1-24 collected by Dr. Schmiedeknecht). — 25. Charente, H. Girardeau. — 26-27. Orval, Belgium, August, Fokker. — 28. Sterkenburg, July, Snellen van Vollenhoven. (The specimens 1-28 in Fokker's collection). — 29. De Bildt (Cotype of *Berytus driebergensis* Snellen van Vollenhoven), Six. — 30. Wassenaar, dunes, September 9, 1923, H. C. Blöte. — 31. Wassenaar, Bierlap, September 7, 1928, H. C. Blöte. — 32. Hilversum, July 7, 1926, A. Reclaire

**Apoplymus pectoralis** Fieb. 1-2. Zante, 1901, Dr. Schmiedeknecht, in Fokker's collection.

#### METACANTHINAE

**Megalomerium meridionale** Costa. 1. Sisteron, in Fokker's collection. — 2. Sarepta, Dohrn.

**Megalomerium nigristernum** nov. spec. General aspect not unlike *M. meridionale* Costa, but somewhat larger and more robust. Lateral parts of the vertex somewhat convexely prominent above the eyes. Upper parts brownish yellow. Head at the underside, the genae included, black. A stripe of white tomentum between the antennae, separating the vertex from the clypeus, and long stripes of tomentum round the underside of

the eyes and from there extending towards the base of the head. Antennae yellowish, the first joint with blackish points, distinctly clavate, the fourth joint spindle-shaped, greyish brown, the apical fourth part whitish. The first joint is slightly shorter than the second and third together, the second joint distinctly shorter (about  $\frac{2}{3}$ ) than the third, the fourth joint half as long as the second. Pronotum coarsely and densely punctured, except the anterior area, the whitish keels and a blackish spot near the anterior edges at the sides, which is bordered at the upper and at the anterior side with whitish tomentum. Scutellum with a small, backwardly directed spine. Underside of the thorax black, the coxal cavities and the posterior border of the mesopleurae yellowish brown and punctured. At both sides of the sternal furrow a stripe of whitish tomentum, the mesopleurae at the upper side with a rather broad band of this tomentum. Orifices ending in short, obliquely truncate processes. Legs yellowish, the femora distinctly clavate, with dark points of different size; the tibiae with 5-6 blackish rings. Hemielytra slightly shorter than the abdomen, subtransparent, the corium with fine brownish transverse stripes, the apex slightly infuscated. The membrane with faint whitish and brownish clouds. Abdomen brownish ochraceous, basal half of the venter somewhat darker in the middle. Length (of the ♀):  $7\frac{1}{4}$ - $8\frac{1}{2}$  mm. 1. Bibidjilan, Djampang Tengah, November 1935, E. le Moul't (Holotype). — 2. Gunung Besser, April 1936, E. le Moul't (Paratype). — One specimen from Blawan, Idjen, 950 m, June 1924, Dammerman (Paratype) and two specimens from Gunung Tjisuru, Djampang Tengah, W. Java, 600-800 m, March 1933, M. E. Walsh (Paratypes) in the collection of the "Instituut voor Plantenziekten" at Buitenzorg.

**Yemma javanica** nov. spec. Entirely yellowish ochraceous, only the apex of the rostrum and the tarsi blackish, the fourth joint of the antennae black, the apical third part of it white. First antennal joint about as long as the second and third together. Second joint much longer (about  $1\frac{3}{5}$ ) than the third, fourth joint about  $\frac{2}{5}$  of the length of the third. Pronotum and the sides of the pro- and the mesothorax coarsely and densely punctured, even the anterior area not quite smooth. Scutellum with a thin, erect spine at the base. Orifices ending in long, thin, upwardly and somewhat backwardly curved spines. Femora and basal joints of the antennae but very slightly clavate, with very small brownish points at the bases of the minute hairs. Hemielytra pale yellow, transparent. Dorsum of the abdomen brownish, except on the last two segments. Length of the ♂:  $6\frac{1}{2}$ - $7\frac{1}{4}$  mm, of the ♀:  $8\frac{1}{3}$  mm. 1-2. Djampang Tengah, Java, E. le Moul't (Holo- and Allotype). — 3. Environment of Sukabumi, Java, April

1933, F. A. Th. H. Verbeek (Paratype). — Two paratypes from Gunung Tjisuru, Djampang Tengah, W. Java, 600-800 m, March 1933, M. E. Walsh, in the collection of the "Instituut voor Plantenziekten" at Buitenzorg.

**Metatropis rufescens** H.-S. 1-3. Gorice, Illyria, in Fokker's collection. — 4. Crefeld, Dohrn. — 5-9. Switzerland, Meyer-Dür.

**Jalysus sobrinus** Stål. 1-2. Callanga, Peru. — 3. Blumenau, Brasil. — 4. Corumba, Matto Grosso. (The specimens 1-4 from Staudinger & Bang-Haas). — 5. Paramaribo, on light, June 16, 1938, D. C. Geijskes. — 6. Paramaribo, October 10, 1938, D. C. Geijskes.

**Jalysus spinosus** Say. 1. Barachias (Ala.), June 5 1924, E. G. Holt.

**Parajalysus brasiliensis** Dist. 1-2. Mapiri, Bolivia. — 3-4. Pachitea, Peru. Altogether from Staudinger & Bang-Haas.

**Gampsocoris pulchellus** Dall. 1-2. Buitenzorg, April 1919, on *Hibiscus*, Roepke.

**Gampsocoris punctipes** Germ. 1. Scheveningen, August, Van der Wulp. — 2. Holland, dunes, August, Piaget. — 3. Haarlem, August, Groll. — 4-8. Monfalcone, Istria, August, Fokker. — 9-16. Abbazia, Istria, August, Fokker. — 17. Orval, Belgium, August, Fokker. — 18. Charente, H. Girardeau. — 19-40. Thüringen. — 41-43. Zante, 1901. — 44. Cephalonia, 1901. — 45. Lago di Garda, Monte Brione. — 46-55. Tlemcen, Oran, June 1896. — 56. Saïda, Oran, 1895. — 57. Rio Salato, Oran, 1895. (The specimens 19-57 collected by Dr. O. Schmiedeknecht; the specimens 1-57 in Fokker's collection). — 58. Wassenaar, dunes, August 2, 1923. — 59. Kijfhoek, Wassenaar, July 26, 1923. — 60. Wassenaar, dunes, August 19, 1923. — 61-62. Kijfhoek, Wassenaar, July 1, 1926. — 63. Wassenaar, dunes, August 19, 1923. — 64. Wassenaar, dunes, September 9, 1923. — 65. Wassenaar, dunes, August 2, 1923. — 66. Meijndel, Wassenaar. — 67. Wassenaar, dunes, June 28, 1925. — 68-69. Schin op Geulle, September 1924. (The specimens 58-69 collected by H. C. Blöte). — 70. Holland, dunes near the beach. — 71-73. Holland, dunes, Six. — 74. Crefeld, Dohrn. — 75-80(-84?). Switzerland, Meyer-Dür. — 85. Schin op Geulle, September 2, 1924, H. C. Blöte. — 86. Caubeyres near Tonniens, Lot et Garonne, E. le Moul.

#### PIESMIDAE

**Piesma capitata** Wolff. 1-2. Haarlem, August, Groll. — 3. Vorden, July, Groll. — 4. Loosduinen, May. — 5-6. Bohemia, L. Duda. — 7-12. Gospić, Croatia, Sequens. — 13. Velebit Mts., Croatia, Sequens. — 14.

Capo di Ponte, Italia, August 1895, Fokker. — 15. Lyonnais. — 16. Landes, 1888, Gobert. — 17-20. Thüringen, Dr. O. Schmiedeknecht. — 21-22. Tunis, 1898, Dr. Schmiedeknecht. (The specimens 1-22 in Fokker's collection). — 23-40. Switzerland, Meyer-Dür.

**Piesma cinerea** Say. 1. Beltsville, Md., June 15, 1913, W. L. McAtee.

**Piesma kochiae** Beck. 1-2. Kerekegyh, Hungary, September 21, 1890, Horváth. — 3. Monor, Hungary, July 9, 1890, Horváth. — 4-5. Sarepta, A. Becker. — 6. Hungaria, Reuter. — 7-8. Duna-Földvár, Horváth (The specimens 1-8 in Fokker's collection). — 9. Hungary.

**Piesma kolenatii** Fieb. 1-2. Valley of the Berlad, Moldavia, A. L. Montandon, in Fokker's collection.

**Piesma maculata** Lap. 1. Driebergen, Six. — 2. Utrecht, May, Six. — 3. Zierikzee, June 1876, Fokker. — 4. Assen, July 1885. — 5. Bussum, July. — 6-7. Arnhem, April, Veth. — 8-11. Arnhem, 1887-'88, Veth. — 12. Apeldoorn, June. — 13. Aaland, Strand. — 14. Nijkerk, September 22, 1896. — 15. Maarsbergen, August, Everts. — 16. Saint Cécile, Belgium, August. — 17. Alle, Belgium, July, Fokker. — 18-20. Copenhagen, 1888, Van der Hoop. — 21-22. Sarepta, A. Becker. — 23. Hyères, Meyer-Dür. — 24-25. Switzerland, Meyer-Dür. — 26. Göttingen. — 27-29. Bohemia, L. Duda. — 30-38. Thüringen. — 39-46. Rio Salato, Oran, 1895. — 47-53. Tlemcen, Oran, June 1895. — 54-61. Hamman-Bou-Hadjar, Oran, 1895. — 62-65. Djebel Tessalah, Oran, 1895. — 66-71. Saïda, Oran, 1895. — 72-80. Tunis, 1898. (The specimens 30-80 collected by Dr. O. Schmiedeknecht). — 81-84. Velebit Mts., Croatia, Sequens. — 85-87. Grospić, Croatia, Sequens. (The specimens 1-87 in Fokker's collection). — 88. Loosduinen, May, Leesberg. — 89-92. Den Haag (The Hague), Leesberg. — 93. Den Haag, January, Everts. — 94-95. Driebergen, November 1924, Everts. — 96-100. Breda, March 3, 1877. — 101. Breda, April 18, Heylaerts. — 102-103. Utrecht, Six. — 104. Roozendaal, Six. — 105. Gliphoeve, Heemstede, Snellen van Vollenhoven. — 106-109. Switzerland, Meyer-Dür. — 110-116. ?. — 117. Bozen, April 1899, H. J. Veth. — 118. Herwen, Scholten. — 119. Germany, Everts. — 120. Camerano, Italia. — 121. ?. — 122-125. Den Haag, August 7, 1923, J. van der Vecht. — 126-129. Den Haag, August 7, 1923, H. C. Blöte. — 130. Meijndel, Wassenaar, December 2, 1923, Van Eldik. — 131. Renkum, D. L. Uyttenboogaart. — 132-134. Texel, June 20, 1926, H. C. Blöte. — 135. Eerbeek, Gelderland, August 27-28, 1927, Dr. H. Boschma. — 136-137. Waalré, N. Brabant, August 2, 1941, H. C. Blöte.

**Piesma quadrata** F. 1-5. Zierikzee, 1876-'86, Fokker. — 6. Landes, 1888, Gobert. — 7. Tunis, 1898, Dr. Schmiedeknecht. (The specimens 1-7

in Fokker's collection). — 8. Walcheren, Lafontijn. — 9-10. Environment of Berlin, R. Korschefsky, from Staudinger & Bang-Haas.

**Piesma rotundata** Horv. 1-3. Bone, Algeria, Autran, in Fokker's collection.

**Piesma salsolae** Beck. 1-2. Rákos Palota, Hungary, Horváth. — 3-4. Hungary, Horváth. — 5. Kecskemét, October 19, 1885. (Altogether in Fokker's collection).

**Piesma silenes** Horv. 1-4. Kecskemét, Hungary, September 14, 1886, in Fokker's collection.

**Piesma variabilis** Fieb. 1-6. Venetia, in Fokker's collection.

#### TINGIDAE — CANTACADERINAE

**Cantacader quadricornis** Lep. 1-2. Eastern Pyrenées, in Fokker's collection.

**Cantacader quinquecostatus** Fieb. 1. Batavia, Piepers. — 2. Java, W. Mäklin. — 3-14. Bandung, Preanger, Java, 1936-'37, F. C. Drescher. — 15-16. Tjideres, Res. Cheribon, Java, July 1937, F. C. Drescher. — 17-26. Samarang. — 27-33. Sinabang, Simalur, 1913. — 34. Batavia, July 1913. — 35-43. Fort de Kock, Sumatra, 920 m, 1921-'26. — 44. Padang, West Coast of Sumatra, 1926. (The specimens 17-44 collected by E. Jacobson). — 45. Padang Sidempu. — 46-48. Meester Cornelis, Java, February 11, 1929, J. Sonneveldt.

**Pseudophatnoma** nov. gen. Clavus distinct. Bucculae anteriorly slightly prominent, acuminate. Scutellum hidden under the posterior border of the pronotum. Pronotum with five carinae, the lateral carinae only present on the posterior half. Margins of the pronotum amplified, and acutely dilated anteriorly. Discoidal and lateral areas of the hemielytra with transverse ridges. Rostrum long, reaching the fourth (fifth) abdominal segment. — Type of the genus: *P. corniculata* nov. spec.

**Pseudophatnoma corniculata** nov. spec. (fig. 1). Head with two long, yellow spines between the antennae, two small spines at the sides of the antenniferous tubercles and two long, curved spines, which are brown at their apical half, between the eyes. Colour pale greyish ochraceous, the nervatures on the apical  $\frac{3}{4}$  part of the hemielytra brownish. Clavus with an elongated, triangular, brown spot on the central part at the base, the adjacent parts of the pronotum also with brown spots. The costal areas of the hemielytra with about seven rounded elevations, which are less distinct towards the apex. Underside of the body brownish, the sternal furrow and carina and the sides of the abdomen yellow; the stigmata of

the abdomen brown. Legs, antennae and rostrum brownish ochraceous, the apical joint of the antennae and the apex of the rostrum darker. Length

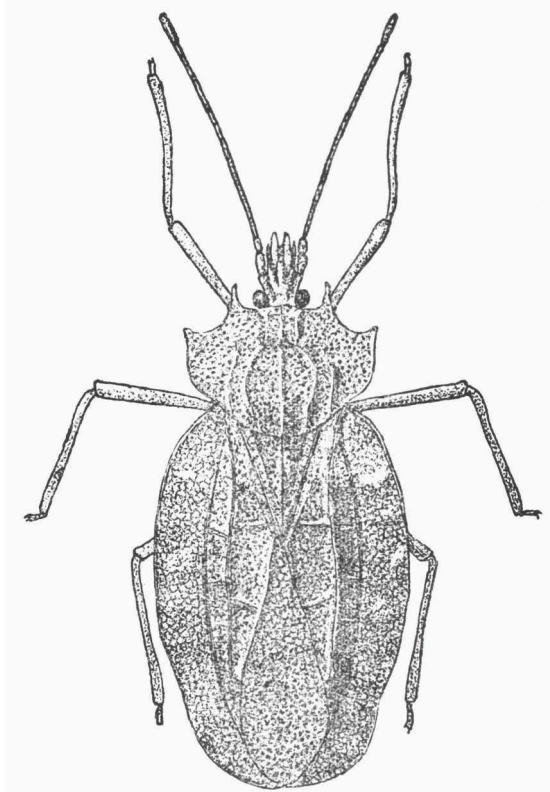


Fig. 1. *Pseudophatnoma corniculata* nov. spec.  $\times 11$ .

6 $\frac{3}{4}$  mm. — 1. Durian, Rhio-Archipelago, June 1923, K. W. Dammerman (Holotype).

#### SERENTHIINAE

**Serenthia atricapilla** Spin. 1. Macin, Dobruja, A. L. Montandon. — 2. Isaccia, Dobruja, A. L. Montandon. — 3. Greece, L. Mesmin (Altogether in Fokker's collection).

**Serenthia confusa** Put. 1-2. Macin, Dobruja, A. L. Montandon. — 3-4. Indre. — 5-6. Greece, L. Mesmin (Altogether in Fokker's collection).

**Serenthia gibba** Fieb. 1. Kambra, N.E. Sumba, March 1925, Dammerman. This specimen agrees in any report with Fieber's description, except that Fieber speaks of a "braunrothe Färbung" of the pronotum, and the pronotum in the actual specimen is dark bluish grey. It is possible that



Fieber's specimen was still immature. It is also possible, however, that our specimen belongs to another species, but as I have not seen Fieber's type, nor specimens from continental India, I cannot come to a conclusion.

**Serenthia laeta** Fall. 1-2. 's-Gravenhage (The Hague), September 1878. — 3-83. Zierikzee, 1878-'87, Fokker. — 84-90. Renesse, August 1882. — 91-92. Thüringen, Dr. O. M. Schmiedeknecht. (The specimens 1-92 in Fokker's collection). — 93-94. Silesia, Finsch. — 95. Crefeld, A. Dohrn. — 96-101. Switzerland, Meyer-Dür. — 102-108. Den Haag (The Hague), dunes, Six. — 109. Loosduinen, May 22. — 110. Den Haag. — 111-119. Breda, April 15, 1875. — 120-123. Loosduinen, March-April 1923. — 124-168. Wassenaar, dunes, 1923-'29. — 169. Dwingelo, August 25-27, 1932. — 170. Wassenaar, Raaphorst, June 28, 1928. — 171-173. Noordwijkerhout, June 18, 1929. — 174. De Beer, Hoek van Holland, (Hook of Holland), July 5, 1931. — 175. Aalst, N. Brabant, August 21, 1935. (The specimens 120-175 collected by H. C. Blöte). — 176. Loosduinen, April 12, 1923. — 177. Wassenaar, Bierlap, September 12, 1923. — 178-179. Den Haag, April 7-8, 1924. (The specimens 176-179 collected by J. van der Vecht). — 180-181. Wijster, August-September 1932. — 182. Dwingelo, Davidsplas, September 1, 1932. — 188. Valkenswaard, Nederheide, July 24, 1941. — 189. Valkenswaard, Nederheide, August 15, 1940, H. C. Blöte. — 190. Caubeyres near Tonniens, Lot et Garonne, E. le Mout.

Var. **apicicornis** Horv. 183-186. Wassenaar, Bierlap, August, 1923-'26, H. C. Blöte. — 187. Soesterberg, September 11, 1926, H. C. Blöte.

**Serenthia melanoscelis** Horv. 1-9. Tlemcen, Oran, June 1895, Dr. Schmiedeknecht, Cotypes. — 10-14. Tunis, 1898, Dr. Schmiedeknecht. (Altogether in Fokker's collection).

**Serenthia minuta** Horv. 1-2. Comana, Walachia, A. L. Montandon. — 3-4. Buda, June 5, 1896. (Altogether in Fokker's collection).

**Serenthia nigra** Fieb. Teniet el Haad, De Vauloger, in Fokker's collection.

**Serenthia ruficornis** Germ. 1. Douai in Fokker's collection. — 2-4. Switzerland, Meyer-Dür. — 5. Bünzen, June 27. — 6-8. ?.

#### TINGINAE

**Acalypta carinata** Panz. 1. De Kaag, S. Holland, July 20, 1927, A. M. Scholte S. J. — 2. Röserenbach, May 31, 1933.

**Acalypta cervina** Germ. 1. ?. — 2-3. Gospić, Croatia, Sequens. — 4. Hamman-Bou-Hadjar, Oran, 1895, Dr. Schmiedeknecht. (Altogether in Fokker's collection).

**Acalypta gracilis** Fieb. 1. Dunkerque. — 2. Overveen, July 14, 1905,

D. MacGillavry. (Both in Fokker's collection). — 3. Katwijk, July 10, 1927, C. van der Meer. — 4-5. Wassenaar, dunes, July, 1926-'27, H. C. Blöte.

**Acalypta hellenica** Reut. 1-2. Isleta, Gran Canaria, October 1927, D. L. Uyttenboogaart. — 3-8. Los Tillos, Gran Canaria, October 1927, D. L. Uyttenboogaart.

**Acalypta marginata** Wolff. 1-2. Bohemia, Staudinger. — 3. Driebergen, Six. (The specimens 1-3 in Fokker's collection). — 4-5. Driebergen, Six.

**Acalypta musci** Schr. 1-5. Carpathes, Sinaia, Walachia, A. L. Montandon, in Fokker's collection.

Var. **ditata** Put. 6. Karawanken, Carinthia, Schaschl. — 7. Tunis, 1898, Dr. Schmiedeknecht. (Both in Fokker's collection).

**Acalypta nigrina** Fall. 1. Driebergen, Six. — 2. Mecklenburg, F. Rühl. — 3. Tunis, 1898, Dr. Schmiedeknecht. (The specimens 1-3 in Fokker's collection). — 4-5. Vielfallen, Kandersteg, Switzerland, 1200-1250 m, July 28, 1937, H. C. Blöte.

**Acalypta parvula** Fall. 1-3. Lienden, August 1886, H. J. Veth. — 4-5. Den Haag (The Hague), 1886-'87. — 6-21. Texel, 1895-'96. — 22. ? — 23-24. Driebergen, Six. — 25. Utrecht. — 26. Cuyck, Ter Haar. — 27. Bussum. — 28. Breda. — 29-33. Charente, H. Giraudeau. — 34. Apennino, 1887, G. Caneva. — 35. Liguria, 1891, G. Mantero. — 36-38. Thüringen, Dr. O. Schmiedeknecht. — 39-40. Hamman-Bou-Hadjar, Oran, 1895, Dr. Schmiedeknecht. (The specimens 1-40 in Fokker's collection). — 41-44. Gliphoeve, Heemstede, Snellen van Vollenhoven. — 45. Den Haag, Snellen van Vollenhoven. — 46. Holland, De Haan. — 47-49. Utrecht, Six. — 50. Den Haag, Six. — 51-52. Breda, March 7, 1873, Heylaerts. — 53. Den Haag, June 1901, Dr. H. J. Veth. — 54. Roermond, June 1903, Dr. H. J. Veth, 55-67. Wassenaar, dunes, 1925-'26, H. C. Blöte.

**Acalypta platychila** Fieb. 1-2. Maastricht, June 1894, in Fokker's collection.

**Dictyonota albipennis** Bär. 1. Carcassonne, L. Gavoy, in Fokker's collection.

**Dictyonota fuliginosa** Costa. 1-2. Rolde, July 1884. — 3. Arnhem, July 1885, H. J. Veth. (Altogether in Fokker's collection).

**Dictyonota marmorea** Bär. 1. Picos de Europa, Lago Enol, Hispania, September 1935, D. L. Uyttenboogaart.

**Dictyonota strichnocera** Fieb. 1. Arnhem, July 1888, H. J. Veth. — 2. Texel, June 1896. — 3. Vorden, June, Groll. — 4. Maastricht, July. — 5. Vonêche, Belgium, July, Fokker. — 6-8. Thüringen, Dr. O. M. Schmiedeknecht. (Altogether in Fokker's collection).

**Dictyonota théryi** Montd. 1. Teniet el Hâad, 1889, Desbrochers, in Fokker's collection.

**Dictyonota tricornis** Schrk. 1-4. Driebergen, Six. — 5. Wageningen, July 1882, Fokker. — 6. Zierikzee, September 18, 1880, Fokker. — 7. Eijssden, July 1887, Veth. — 8. Beek, July 1890. — 9. Gronsveld, June 1893. — 10-11. Winterswijk, June 1896. — 12. Charente, H. Giraudeau. — 13-14. Vresse, Belgium, July. — 15. Vonêche, Belgium, July. — 16-17. Zillerthal, July. — 18. Locarno, September. — 19. Capo di Ponte, Italia, August 1895. (The specimens 13-19 collected by Fokker). — 20. Cauterets, Pyrénées, 1893, Everts. — 21. Zara, Novak. — 22-27 Thüringen. — 28. Cephalonia, 1901. — 29. Tunis, 1898. — 30. Tlemcen, Oran, 1895. — 31. Saïda, 1895. — 32. Iviza, Balearic Is. (The specimens 22-32 collected by Dr. Schmiedeknecht). — 33. Chellala, Algeria, 1895, De Vauloger. (The specimens 1-33 in Fokker's collection). — 34. Naples, Everts. — 35-37. ?. — 38. Driebergen, Six. — 39-40. Gorinchem. — 41. Schin op Geulle, Limburg, September 4, 1924. — 42-44. Waalré, N. Brabant, July-August 1941. (The specimens 41-44 collected by H. C. Blöte).

**Campylostira falleni** Fieb. 1. Comana, Walachia, A. L. Montandon, in Fokker's collection.

**Campylostira orientalis** Horv. 1-2. Lenkoran, Leder (Reitter), in Fokker's collection.

**Campylostira verna** Fall. 1. ?, Six. — 2. Bohemia, L. Duda. — 3. Greece, L. Mesmin. (The specimens 1-3 in Fokker's collection). — 4-6. Switzerland, Meyer-Dür. — 7. Herwen, June 1926, Scholten.

**Derephysia foliacea** Fall. 1. Driebergen, Six. — 2. ?. — 3. Valkenburg, August 1885. — 4. Ossendrecht, July 1889. — 5. Den Haag (The Hague), July. — 6-7. Vonêche, Belgium, July, Fokker. — 8-10. Charente, H. Giraudeau. — 11. Pont de Bonne, August 1885. — 12-17. Thüringen. — 18. Hamman-Bou-Hadjar, Oran, 1895. — 19-25. Tunis, 1898. (The specimens 12-25 collected by Dr. Schmiedeknecht). — 26-31. Gospić, Croatia, Sequens. (The specimens 1-31 in Fokker's collection). — 32. Driebergen, Six. — 33-34. Wassenaar, Bierlap, August 3, 1926, H. C. Blöte. — 35. Waalré, N. Brabant, July 17, 1941, H. C. Blöte.

**Corythuca arcuata** Say. 1. Beltsville, Md., June 15, 1913, W. L. McAtee. — 2. Bluemont, Va., August 31, 1913, W. L. McAtee. — 3. Wisconsin, Kumlien.

**Corythuca bulbosa** O. & D. 1. Plimmers Island, Md., July 13, 1913, W. L. McAtee. — 2. Plimmers Island, Md., August 27, 1922, J. R. Malloch.

**Corythuca ciliata** Say. 1. Plimmers Island, Md., January 26, 1913, W. L. McAtee. — 2. Snicker's Gap, Bluemont, Va., June 22, 1913, A. Wetmore.

**Corythuca contracta** O. & D. 1. Near Plummerville Island, Md., July 4, 1914, W. L. McAtee. — 2. Great Falls, Va., September 5, 1916, W. L. McAtee — 3. Wisconsin, Kumlien.

**Corythuca cydoniae** Fieb. 1-2. Hyattsville, Md., September 6, 1914, W. L. McAtee. — 3-6. Pennsylvania, H. G. Klages, from Fokker's collection.

**Corythuca gossypii** F. 1-4. Saint Thomas. — 5-17. Saint Martin, Rijgersma, 1869. — 18-19. Saint Vincent.

**Corythuca hyalina** H.-S. 1-2. Pennsylvania, H. G. Klages, from Fokker's collection. — 3. Quantico, Va., August 27, 1918, C. D. Duncan.

**Corythuca marmorata** Uhler. 1. Chain Bridge, Va., September 25, 1921, J. R. Malloch.

**Corythuca pallida** O. & D. 1. Churchs Island, N. C., October 17, 1918, W. L. McAtee. — 2. Forest Glen, Md., July 6, 1913, W. L. McAtee.

**Corythuca pergandei** Heid. 1-2. Chain Bridge, Va., September 4, 1921, J. R. Malloch.

**Corythuca pruni** O. & D. 1-2. Plummerville Island, Md., May 9, 1913, W. L. McAtee.

**Corythuca ulmi** O. & D. 1. Plummerville Island, Md., May 18, 1913, W. L. McAtee.

**Galeatus inermis** Jak. 1. Sarepta, S. Russia, Lethierry, in Fokker's collection.

**Galeatus maculatus** H.-S. 1. Wageningen, Dr. Ritzema Bos. — 2-5. Bohemia, („N. Hütt"), Nickerl. — 6-8. Bohemia, L. Duda. (The specimens 1-8 in Fokker's collection). — 9-10. Silesia, Finsch.

**Galeatus major** Put. 1. Philippeville, Algeria, A. Théry, in Fokker's collection.

**Galeatus sinuatus** H.-S. 1. Hungary, Staudinger, in Fokker's collection.

**Galeatus spinifrons** Fall. 1-2. Szomator, Hungary, June 20, 1890, Horváth. — 3. Tunis, 1898, Dr. Schmiedeknecht. (Altogether in Fokker's collection).

**Stephanitis azaleae** Horv. 1-12. Boskoop, September 1905, Cotypes. — 13-131. Boskoop, October 1905, Cotypes. (Altogether in Fokker's collection).

**Stephanitis depressa** nov. spec. Pronotum tricarinate. Lateral membranes of the pronotum not posteriorly produced. Lateral carinae of the pronotum low, keel-shaped. Costal membrane behind the costal sinus with more than one row of cells. Apical area (membrane) behind the discoidal area with three rows of cells. Bucculae not prominent, rounded. Costal membrane at the level of the costal sinus with about five rows of cells. Medial carina of the pronotum lower than the hood, with one row of cells, only at the

anterior end with some extra cells at the base. Hood narrower than the space between the lateral carinae, and slightly longer than the central carina behind it. This species differs from the other species of the genus by its less elevated discoidal area. The lateral area is narrow, with only two rows of small cells, nearly vertical. Brownish, the lateral areas, the hood and the carinae of the pronotum, and the hemielytra greyish brown, not very transparent; the nervatures brown. Antennae brown, the third joint long, curved outwardly. Third and fourth joints with rather long semierect hairs. Pronotum finely pubescent, also on the hood and on both sides of the lateral areas. Hemielytra with fringed edges. Underside of the thorax and the legs reddish ochraceous, the ends of the tibiae and the tarsi yellow. Venter of the abdomen yellowish, with a transverse brownish stripe on each segment.—Length (of the ♂): 3 mm.—1. Gunung Teleman, Sumatra, 1300 m, June 1917, E. Jacobson. (Holotype).

**Stephanitis nashi** Esaki. 1. ?.

**Stephanitis oberti** Kol. 1-12. Assen, July 1883. — 13-39. Thüringen, Dr. Schmiedeknecht. (The specimens 1-39 in Fokker's collection). — 40-46. Assen, July 28, 1883, C. Ritsema. — 47-63. Silesia, Luchs. — 65. Vaala, Finland, August 12, 1937. — 66. Islet in Permiovik, Finland, August 20, 1937. — 67; 69-70. Skata Ledholm, Finland, August 26, 1937. (The specimens 65-70 collected by D. J. Kuenen).

**Stephanitis pyri** F. 1-2. Switzerland, Meyer-Dür. — 3. Landes, France, Laneige. — 4. Sarepta, A. Becker. (The specimens 1-4 in Fokker's collection). — 5-6. France. — 7. ? — 8-9. Hyères. — 10-12; 15-17. ?, Meyer-Dür.

**Stephanitis rhododendri** Horv. 1. Boskoop, May 1904, Cotype. — 2-5. Boskoop, March 1905. Cotypes. (The specimens 1-5 in Fokker's collection). — 6-15. Leiden, 1930, C. Schoen. — 16-17. Stubblefield Falls, Va., October 30, 1921, W. L. McAtee. — 18-46, and a number of imagines and larvae, preserved in alcohol (Nr 29). Leiden, June 19, 1938, C. Schoen. — 47-52. Hoenderloo, July 18, 1939, A. F. H. Besemer.

**Stephanitis subfasciata** Horv. 1. Batavia, December 1907, E. Jacobson.

**Stephanitis typica** Dist. 1-71. Sinabang, Simalur, July 1913. — 72-74. Batavia, October 1907. — 75. Batavia, January 1908. — 76-115. Batavia, February 1908. (The specimens 1-115 collected by E. Jacobson). — 116-137. Bandung, Preanger, Java, 750 m, September 13, 1936. — 138-141. Bandung, September 20, 1936. — 142-143. Bandung, September 1936. — 144-149. Bandung, October 11, 1936. (The specimens 116-149 collected by F. C. Drescher).

**Euahanes inflatus** Dist. 1. Plettenberg baai, S. Africa, September 18, 1938, Dr. D. L. Uittenboogaart.

**Gargaphia angulata** Heid. 1. Great Falls, Va., July 25, 1914, W. L. McAtee.

**Gargaphia biolleyi** Montd. 1-2. San José, Costa Rica, from Fokker's collection.

**Gargaphia solani** Heid. 1. Hyattsville, Md., September 6, 1914, W. L. McAtee.

**Gargaphia tiliae** Walsh. 1. Plummers Island, Md., May 9, 1913, W. L. McAtee.

**Corythaica monacha** Stål. 1. Saint Vincent.

**Gelchossa clitoriae** Heid. 1. Plummers Island, Md., July 26, 1914, W. L. McAtee.

**Gelchossa heidemanni** O. & D. 1. Four-mile Run, Va., May 31, 1914, W. L. McAtee. — 2. Chain Bridge, Va., May 7, 1921, J. R. Malloch.

**Gelchossa oblonga** Say. 1. Glen Echo, Md., August 22, 1922, W. L. McAtee.

**Acanthochila kahavalu** Kirk. 1. Pachitea, Peru, Staudinger & Bang-Haas.

**Copium cornutum** Thunb. 1. Switzerland, Meyer-Dür. — 2. Lyonnais. — 3. Charente, H. Giraudeau. (The specimens 1-3 in Fokker's collection). — 4. Austria, Mayr. — 5-13. Switzerland, Meyer-Dür. — 14. Bosnia, June 1899, H. J. Veth. — 15. Hercegowina, June 1899, H. J. Veth.

**Copium glabricorne** Montd. 1-3. Victoria Falls, Zambesi, September 6-13, 1938, Dr. L. Uittenboogaart.

**Copium teucarii** Host. 1. "Pfull"(ingen?). — 2-3. Zante, 1901, Dr. Schmiedeknecht. (The specimens 1-3 in Fokker's collection). — 4. Austria, Dohrn. — 5-6. Austria, Mayr. — 7-11. Liestal, Scharenburg, August 13, 1933, D. C. Geijskes.

Cecidia: a. 2 specimens, Austria, Mayr. — b. 1 specimen, Liestal, Scharenburg, August 13, 1933, D. C. Geijskes.

**Tingis ampliata** H.-S. 1. Bohemia ("N. Hütt"), Nickerl, in Fokker's collection. — 2-4. Berlin, R. Korschefsky, Staudinger & Bang-Haas. — 5. Finkenkrug, R. Korschefsky, Staudinger & Bang-Haas. — 6. Waalré, N. Brabant, August 2, 1941, H. C. Blöte. — 7-23. Valkenswaard, Nederheide, June 28-July 1, 1942, H. C. Blöte.

**Tingis angustata** H.-S. 1-24. Gospić, Croatia, Sequens. — 25-39. Velebit Mts., Croatia, Sequens. (Altogether in Fokker's collection).

**Tingis auriculata** Costa. 1. Charente, H. Giraudeau. — 2. Caucasus, Mtzchet, 1879, Leder (Reitter), Autran collection. — 3. Caucasus, Leder (Reitter), Autran collection. — 4. Téniet, near Cèdres, 1889, Desbrochers. — 5. Amasia. (The specimens 1-5 in Fokker's collection). — 6-7. Switzerland, Meyer-Dür. — 8. Mascara, Algeria, Dr. A. Cros.

**Tingis cafer** Dist. 1. On board steamer "Windhoek", 10° N, 16° W., August 24, 1936, Dr. L. D. Brongersma.

**Tingis cardui** L. 1-2. Texel, May 29-30, 1872, C. Ritsema. — 3. Texel, November 1895. — 4. Texel, July 1896. — 5. Middelburg, July, Snellen van Vollenhoven. — 6-28. Zierikzee, 1878-'86. — 29. Valkenburg, July 1881. — 30-31. Renesse, August 1882. — 32. Arnhem, May 1888, H. J. Veth. — 33-35. Gronsveld, August 1893. — 36-47. Cuyk, Ter Haar. — 48-59. Orval, Belgium, August, Fokker. — 60. Sainte Cécile, Belgium, August 1889. — 61. Harz. — 62-64. Toblach, Tirol, August. — 65-67. Tajo, Tirol, August 1895. — 68. Stalden, Switzerland, September 1894. — 69. Disentis, Switzerland, September 1898. — 70. Ilanz, Switzerland, September 1898. (The specimens 62-70 collected by A. J. F. Fokker). — 71-74. Switzerland, Meyer-Dür. — 75. Carlsbad. — 76. Ulm, August 30, 1895. — 77-146. Gospić, Croatia, Sequens. — 147-175. Velebit Mts., Croatia, Sequens. — 176-180. Tunis, 1898, D. Schmiedeknecht. — 181. Cephalonia, 1901, Dr. Schmiedeknecht. — 182-184. Hyères, May 1894, D. van der Hoop. (The specimens 1-184 in Fokker's collection). — 192. Utrecht, July, Six. — 193-195. Zierikzee, June 18, 1887, Fokker. — 196. Vlissingen (Flushing), August, Piaget. — 197. Breda, May 2, 1873, Heylaerts. — 198. Maastricht, Dr. H. J. Veth. — 199. Algiers, Algeria, Dr. H. J. Veth. — 200. Schin op Geulle, September 4, 1924, H. C. Blöte. — 201. Strucht, September 4, 1924, H. C. Blöte. — 202-204. Houthem, May 1934. — 205-208. Switzerland, Meyer-Dür. — 209-216. Twello, October 27, 1940, W. C. van Heurn. — 217. Waalré, N. Brabant, August 2, 1941, H. C. Blöte.

Var. **cognata** Fieb. 185-190. Iviza Balearic Is., Dr. Schmiedeknecht. — 191. Tunis, 1898, Dr. Schmiedeknecht. (Altogether in Fokker's collection).

**Tingis crispata** H.-S. 1-48. Tunis, 1898, Dr. Schmiedeknecht. — 49. Lyon. (Altogether in Fokker's collection).

**Tingis foleyi** De Bergevin. 1. Tunis, 1898, Dr. Schmiedeknecht, in Fokker's collection.

**Tingis grisea** Germ. 1. Hungary, Sajó. — 2. Bohemia, Nickerl. — 3-5. Plainesці, Rîmnicu Sarat, Romania, A. L. Montandon. (Altogether in Fokker's collection).

**Tingis lanigera** Put. 1. Bone, Algeria, G. Chardon, in Fokker's collection.

**Tingis rotundicollis** Jak. 1. Athens, 1901, Dr. Schmiedeknecht, in Fokker's collection.

**Elasmotropis testacea** H.-S. var. **egena** Put. 1. Oran, L. Moisson, in Fokker's collection.

**Belenus dentatus** Fieb. 1. Sinabang, Simalur, August 1913, E. Jacobson.

**Sakuntala ravana** Kirk. 1. Lombok, Mr. Leesberg.

**Lasiotropis ajugarum** Frey-Gessn. 1. Yonne. — 2. Southern France, L. Duda. — 3. Mendrisio, Switzerland, F. Rühl. — 4-7. Corfu, 1901, Dr. Schmiedeknecht. — 8. Cephalonia, 1901, Dr. Schmiedeknecht. — 9-10. Zante, 1901, Dr. Schmiedeknecht. (Altogether in Fokker's collection).

**Lasiotropis ragusana** Fieb. 1. Plainescl, Rîmnicu Sarat, Romania, A. L. Montandon, in Fokker's collection.

**Lasiotropis reticulata** H.-S. 1. Charente, H. Giraudeau. — 2-6. Bohemia, L. Duda. — 7. Colle dei Giovi, Italia, September 1897, Mantero. — 8-16. Thüringen, Dr. Schmiedeknecht. — 17-18. Tunis, 1898, Dr. Schmiedeknecht. — 19-20. Gospić, Croatia, Sequens. (The specimens 1-20 in Fokker's collection). — 21. Breda, Liesbosch, May 16, 1875, Heylaerts. — 22. Bloemendaal, dunes, July 1877, C. Ritsema. — 23. Wassenaar, Bierlap, September 12, 1923, H. C. Blöte. — 24-25. Wassenaar, Bierlap, May 5, 1925, H. C. Blöte. — 26-30. Switzerland, Meyer-Dür.

**Lasiotropis trichonota** Put. 1. Switzerland, Meyer-Dür.

**Lasiacantha capucina** Germ. 1-4. Zermatt, Switzerland, August 1894, Fokker. — 5-8. Switzerland, Meyer-Dür. — 9-17. Tunis, 1898, Dr. Schmiedeknecht. (The specimens 1-17 in Fokker's collection). — 18-24. Switzerland, Meyer-Dür.

**Lasiacantha gracilis** H.-S. 1. Switzerland, Meyer-Dür.

**Tropidochila geniculata** Fieb. 1. Yonne. — 2. Lyonnais. — 3-19. Gospić, Croatia, Sequens. — 20-21. Velebit Mts., Croatia, Sequens. (Altogether in Fokker's collection).

**Tropidochila kiesenwetteri** Muls. & Rey. 1. Teniet, near Cèdres, 1889, Desbrochers. — 2. Iviza, Baleares. — 3. Mallorca, Baleares. — 4-5. Athens, 1901. — 6. Cephalonia, 1901. (The specimens 2-6 collected by Dr. Schmiedeknecht; the specimens 1-6 in Fokker's collection). — 7. Tlemcen, Algerie, Dr. H. J. Veth.

**Tropidochila liturata** Fieb. 1. Hyères, Meyer-Dür. — 2-4. Djebel Tessalah, Oran, 1895. — 5. Hamman-Bou-Hadjjar, Oran, 1895. — 6-9. Tunis, 1898. (The specimens 2-9 collected by Dr. Schmiedeknecht; the specimens 1-9 in Fokker's collection). — 10. Egypt, Museum Berlin.

**Tropidochila maculata** H.-S. 1-2. Tunis, 1898, Dr. Schmiedeknecht, in Fokker's collection. — 3. Italia, Camerano.

**Tropidochila pauperata** Put. 1. Sarepta, A. Becker, in Fokker's collection.

**Tropidochila pilosa** Humm. 1-2. Plainescl, Rîmnicu Sarat, Romania, A. L. Montandon. — 3. Dohan, Belgium, August, Fokker. — 4-10. Lugano, September 1898, Fokker. (The specimens 1-10 in Fokker's collection). — 15-16. Switzerland, Meyer-Dür.



Var. **amplicosta** Montd. 11. Teniet el Hâad. — 12. Touraine, Desbrochers. — 13. ? (Altogether in Fokker's collection).

Var. **antennalis** Put. 14. Sarepta, A. Becker, in Fokker's collection.

**Tropidochila torpida** Horv. 1-2. Oristano, Sardinia, Staudinger & Bang-Haas.

**Catoplatus anticus** Reut. 1-2. Corfu, 1889. — 3-5. Corfu, 1901. — 6-8. Athens, 1901. — 9-26. Olympia, 1901. — 27-31. Zante, 1901. (Altogether collected by Dr. Schmiedeknecht and in Fokker's collection).

**Catoplatus carthusianus** Goeze. 1-2. Southern France, L. Duda. — 3. Hungary, Sajó. — 4. Monfalcone, Istria, Fokker. (The specimens 1-4 in Fokker's collection). — 6. Austria, Mayr. — 7. Frankfurt, Staudinger & Bang-Haas.

Var. **albidus** H.-S. 5. Buzeu Meledic, Romania, A. L. Montandon, in Fokker's collection. — 8. Austria, Mayr.

**Catoplatus fabricii** Stål. 1. Middelburg, June, Leesberg. — 2. Laag Soeren, June 1885. — 3-5. Cuyk, Ter Haar. — 6. Charente. — 7-10. Charente, H. Giraudeau. — 11. Aix les Bains. — 12. Bohemia L. Duda. — 13-24. Thüringen. — 25-34. Tunis, 1898. — 35. Djebel Tessalah, Oran, 1895. — 36-37. Bank of the Nile, between Cairo and Helouan, Egypt, April 3, 1897. — 38. Tourrah near Cairo, April 3, 1897. (The specimens 13-38 collected by Dr. Schmiedeknecht; the specimens 1-38 in Fokker's collection). — 39-43. Breda, May-June, Heylaerts. — 44. Breda, Leesberg. — 45. Arnhem, April 18, Van Medenbach de Rooy. — 46-47. Linz, Ulrich. — 48-49. Switzerland, Meyer-Dür.

**Catoplatus flavipes** Horv. 1. Buda, Hungary, Dr. Horvath, in Fokker's collection.

**Catoplatus nigriceps** Horv. 1-2. Buda, June 5, 1896. — 3. Thüringen, Dr. Schmiedeknecht. — 4. Monte Brione, Lago di Garda, Dr. O. Schmiedeknecht. — 5-8. Tunis, 1898, Dr. Schmiedeknecht. (Altogether in Fokker's collection).

**Catoplatus olivieri** Put. 1. Oristano, Sardinia, Staudinger & Bang-Haas.

**Physatochila dumetorum** H.-S. 1. Leiden, September 1867, Snellen van Vollenhoven. — 2-15. Zierikzee, 1876-'90, Fokker. — 16. Lienden, August 1886, H. J. Veth. — 17. Lienden, July 1887, H. J. Veth. — 18. Nijkerk, September 22, 1896. — 19-24. Thüringen. — 25. Hamman-Bou-Hadjar, Oran, 1895. — 26-27. Djebel Tessalah, Oran, 1895. — 28-49. Tunis, 1898. (The specimens 19-49 collected by Dr. Schmiedeknecht; the specimens 1-49 in Fokker's collection). — 50-55. Leiden, Snellen van Vollenhoven. — 56. Arnhem, April 11, 1875. — 57-61. ?, Wittewaal. — 61-67. Utrecht ?. — 68. Plasmolen, April 1878, Leesberg. — 69. Walcheren, Gerth van Wijk. —

70-72. Peel, Heylaerts. — 73. Leiden, May. — 74-76. Veur, May 16, 1925, H. C. Blöte. — 77-102. Poeldijk, August 7, 1925, H. C. Blöte. — 103. Putten, February 6, 1933.

**Physatocheila quadrimaculata** Wolff. 1. Venlo, May 4. — 2. Lille. — 3-5. Thüringen, Dr. O. M. Schmiedeknecht. (The specimens 1-5 in Fokker's collection). — 6-9. Gaasterland, Rijsterbosch, May 31, 1925, H. C. Blöte. — 10-30. Dwingeloo, August 25-28, 1932. — 31. Hoogeveen, Kremboong, August 29, 1932. — 32-41. Switzerland, Meyer-Dür.

**Oncochila simplex** H.-S. 1. Sainte Cécile, Belgium, August 1889. — 2-3. Thüringen, Dr. O. M. Schmiedeknecht. — 4-6. Tunis, 1898, Dr. Schmiedeknecht. (Altogether in Fokker's collection).

**Diplogomphus hewitti** Fist. 1-7. Sungei Doca, S. E. Borneo, September 17, 1930, J. van der Vecht.

**Bredenbachius jacobsoni** nov. spec. Head ochraceous, the vertex between the yellowish spinous elevations blackish. Antennae ochraceous orange, the third joint somewhat lighter. Pronotum cinnamon brown, the anterior part pale yellowish, the centre of the areolets on the reflexed lateral laminae much darker than the nervatures. Hemielytra cinnamon brown, the base and a triangular spot on the costal area and the apex of the lateral area pale yellowish; the apex of the costal area and a longitudinal stripe at the middle of it darker brown. Sternum of the thorax dark brown, with white callous ridges on the meso- and metasternum between the coxae, bordering the rostral furrow. Venter of the abdomen reddish brown. Proaotum tricarinate, the central carina percurrent, whitish at the base, at the top, and behind the middle; the lateral carinae nearly straight, slightly divergent behind, the apical part whitish. The disk between the carinae irregularly, posteriorly somewhat coarsely punctate. — Length  $3\frac{1}{5}$  mm. — 1. Gunung Gede, Java, March 1911, E. Jacobson. (Holotype).

**Teleonemia aterrima** Stål. 1. Marcapata, Peru, Staudinger & Bang-Haas.

**Teleonemia sacchari** F. 1-2. Saint Thomas. — 3. Mt. Saint Benedict, Trinidad, July 25, 1929, D. C. Geijskes.

**Compseuta boops** nov. spec. This species is more or less intermediate between the genera *Compseuta* and *Eteoneus*. It belongs to *Compseuta* because of the large eyes, which are not separated from the anterior margin of the pronotum, and because of the tricarinate pronotum; the lateral carinae, however, do not reach beyond its posterior half. The costal area of the hemielytra, on the contrary, is of rather equal breadth, and shows four rows of areolets. Sides of the pronotum with low carinae, only in the lateral corners with small, flat, rounded projectures. Head black. Distance between the eyes of about half the width of an eye. Pronotum dark casta-

neous, the anterior edge somewhat lighter, a transverse stripe behind it darker, the posterior end somewhat lighter too. Discal area of the hemielytra castaneous, the centre somewhat ochraceous. Lateral area with very small areolets, the nervatures obscure brown up to the apex of the discal area, beyond this point whitish, with a brown transverse band near the top of the costal area, which is white at the base and beyond the middle, dark brownish before the middle. Membrane brown, with whitish top and an ill defined whitish spot along the white part of the lateral area. Underside castaneous, the venter of the abdomen shining. Legs and antennae ochraceous orange, the apical joint of the antennae and the tarsi brownish.—Length  $3\frac{3}{4}$ -4 mm. — 1-4. Lubuk Sikaping, Western Sumatra, 450 m, L. Hundeshagen. (Holo- Allo- and Paratypes). — Six Paratypes in the collection of the "Instituut voor Plantenziekten" at Buitenzorg, from the same locality.

**Monanthia echii** Schrk. 1. Middenduin,, Bloemendaal, March 22, 1868, C. Ritsema. — 2. Velzen, June, Everts. — 3-11. Valkenburg, Limburg, July 1881, Fokker. — 12. Valkenburg, June 1888. — 13. Ems, August, Everts. — 14-15. Noordwijk, June, on *Echium*, De Graaf. — 16. Haarlem, Groll. — 17-18. Venlo, June 1876. — 19. Laag Soeren, June 1893. — 20-36. Huy, August 1885. — 37-38. Switzerland, Meyer-Dür. — 39. Southern France, May 1893, D. van der Hoop. — 40-54. Corsica, May 1893, D. van der Hoop. — 55-58. Riva, Tirol, August, Fokker. — 59. Desenzano, Italia, August, Fokker. — 60-61. Monfalcone, Istria, August, Fokker. — 62-63. Lees Veldes, Krain, August, Fokker. — 64. Pont de Bonne, August 1885. — 65. Sarepta, A. Becker. — 66-67. Gospić, Croatia, Sequens. — 68-71. Thüringen. — 72-73. Tlemcen, Oran, June 1895. — 74-127. Tunis, 1898. — 128-132. Iviza, Balearic Is. — 133-141. Mallorca, Balearic Is. — 142-159. Cephalonia, 1901. — 160-183. Corfu, 1901. — 184-195. Zante, 1901. (The specimens 68-195 collected by Dr. Schmiedeknecht). — 196-197. Cairo, Egypt (The specimens 1-197 in Fokker's collection). — 198-207. Vogelenzang, September, Leesberg. — 208-214. Haarlem, Groll. — 215 (-222?). ?, Perin. — 223. Locarno, May 1898, Dr. H. J. Veth. — 224-225. Bozen, April 1899. — 226-228. Wassenaar, Bierlap, 1923-'24. H. C. Blöte. — 229. Schin op Geulle, September 3, 1924, H. C. Blöte. — 230-232. Wassenaar, Bierlap, 1923-'24, J. van der Vecht. — 233-234. Wassenaar, Bierlap, June 23, 1924, A. Gijzen. — 235-236. Switzerland, Meyer-Dür. — 237. Maderanertal, near Bristen, Switzerland, June 23, 1938, B. D. J. Meeuse. — 238-240. Fuente Dé, Picos de Europa, 1200 m, Hispania, September 1935, D. L. Uyttenboogaart.

**Monanthia humuli** F. 1. Utrecht, Six. — 2. Leiden, March 22, 1869. — 3-4. Overveen, July 6, 1875, C. Ritsema. — 5-8. ?, on *Myosotis*, Ritsema. —

9. Rotterdam, May. — 10. Haarlem, Buse. — 11. Holland, Groll. — 12-13. Valkenburg, Limburg, August 1885. — 14. Arnhem, May 1887, Veth. — 15-17. Den Haag (The Hague), 1888-'96, H. J. Veth. — 18. Bodegraven, April 7, 1896, De Meijere. — 19. Oisterwijk, July, Fokker. — 20. Charente, H. Giraudeau. — 21-22. Pont de Bonne, August 1885. — 23. Thüringen. — 24-27. Hamman-Bou-Hadjar, Oran, 1895. — 28. Tunis, 1898. (The specimens 23-28 collected by Dr. Schmiedeknecht; the specimens 1-28 in Fokker's collection). — 29-30. Driebergen, Six. — 31-32. Haarlem, Groll. — 33-34. Overveen, July 6, 1875, C. Ritsema. — 35-36. Warmond, Leevliet, August 1877, C. Ritsema. — 37-38. Breda, March 3, 1877, Heylaerts. — 39. Breda, Heylaerts. — 40. Den Haag, August. — 41-43. Heemstede, August. — 44-47. ?, on *Myosotis*. — 50. Leeuwen, June 20, 1919, H. C. L. van Eldik. — 51. Dwingelo, August 28, 1932. — 52. Switzerland, Meyer-Dür. — 53-60. Valkenswaard, July 24, 1938. — 61. Valkenswaard, August 17, 1940. — 62. Valkenswaard, August 4, 1941. — 63. Valkenswaard, June 28, 1942. (The specimens 53-63 collected by H. C. Blöte).

**Monanthia lupuli** H.-S. 1-2. Bohemia, L. Duda. — 3. Gospić, Croatia, Sequens. (Altogether in Fokker's collection).

**Monanthia mitrata** Dist. 1-5. Zwartberg pas, near Oudtshoorn, South Africa, 1938, Dr. D. L. Uyttenboogaart.

**Monanthia nassata** Put. 1. Hyères, Meyer-Dür, in Fokker's collection.

**Monanthia picturata** Dist. 1. Zwartberg pas, South Africa, September 15, 1938, Dr. D. L. Uyttenboogaart.

**Monanthia platyoma** Fieb. 1. Valley of the Berlad, Moldavia, A. L. Montandon, in Fokker's collection.

**Monanthia putoni** Montd. 1-2. Valley of the Berlad, Moldavia, A. L. Montandon, in Fokker's collection. — 3-4. Budapest, Hungary, Staudinger & Bang-Haas.

**Monanthia rotundata** H.-S. 1-2. Bohemia, L. Duda, in Fokker's collection.

**Monanthia symphyti** Vall. 1. Holland, Fransen. — 2-3. Rotterdam, Snellen. — 4. Rotterdam, May 1893. — 5-7. Hillegersberg, Everts. — 8. Hillegersberg, April 1894, D. van der Hoop. — 9. France. — 10-12. Thüringen. — 13-14. Hamman-Bou-Hadjar, Oran, 1895. — 15-16. Tlemcen, Oran, June 1895. — 17-19. Djebel Tessalah, Oran, 1895. — 20-22. Saïda, Oran, 1895. — 23-54. Tunis, 1898. (The specimens 10-54 collected by Dr. Schmiedeknecht; the specimens 1-54 in Fokker's collection). — 55-60. Rotterdam, Snellen. — 61. Den Haag (The Hague), Leesberg. — 62. Den Haag, Everts. — 63-65. Breda, Heylaerts. — 66-70. Breda, June 25, 1875, Heylaerts. — 71-72. Hercegowina, June 1899, H. J. Veth. — 73-76. Reeuwijk,

near Gouda, July 3, 1932, H. C. Blöte. — 77-78. Switzerland, Meyer-Dür. — 79. ?.

**Phyllontocheila erosa** Fieb. 1-2. Sumatra, Ludeking. — 3-6. Sumatra, H. B. van Rhijn. — 7. Solok, June 1877, Sumatra expedition. — 8. Lubukh Gadang, December 1877, Sumatra expedition. — 9-10. Manna, Sumatra, M. Knappert. — 11. Geusong Sambong, Banka, May 26, 1931, J. van der Vecht. — 12. Djelutung, S. Banka, December 2, 1935, J. van der Vecht.

**Phyllontocheila perakensis** Dist. 1. Lubuksikaping, West Coast of Sumatra, 450 m, 1926. E. Jacobson.

**Monosteira parvula** Sign. 1-4. Hyères, in Fokker's collection.

**Monosteira unicostata** Muls. & Rey. 1-4. Belo Brdo, S. Hungary, Horváth. — 5-7. Greece. — 8-14. Mallorca, Baleares, Dr. Schmiedeknecht. — 15-18. Tlemcen, Oran, June 1895, Dr. Schmiedeknecht. (Altogether in Fokker's collection).

**Penottus jalorensis** Dist. 1. Fort de Kock, Sumatra, 920 m, 1925, E. Jacobson.

**Trachypeplus jacobsoni** Horv. 1-3. Fort de Kock, Sumatra, 920 m, September 1920, Cotypes. — 4. Fort de Kock, December 1920, Cotype. — 5. Fort de Kock, 1926. (Altogether collected by E. Jacobson).